



**Composite Agro-met Advisory Service Bulletin
for the State of Arunachal Pradesh**

**on
25th July 2023**

**For the period
(26th July 2023 to 30th July 2023)**

issued by

Meteorological Centre Itanagar, ARUNACHAL PRADESH

INDIA METEOROLOGICAL DEPARTMENT

in collaboration with

AMFU, BASAR

&

Department of Agriculture, Govt. of Arunachal Pradesh

ARUNACHAL PRADESH is considered as one 1-Agro climate zone. The state is having 25-districts.

Agro Climatic Zone/Districts for the State of Arunachal Pradesh

Agroclimatic Zone	Districts	Agromet Field Unit (AMFU) Location
Arunachal Pradesh	TAWANG; WEST KAMENG; EAST KAMENG; PAKKE KESSANG; PAPUM PARE; LOWER SUBANSIRI; KRA DADDI; KURUNG KUMEY; KAMLE; UPPER SUBANSIRI; LEPA RADA; LOWER SIANG; SHI YOMI; EAST SIANG; SIANG; WEST SIANG; UPPER SIANG; LOWER DIBANG VALLEY; DIBANG VALLEY; ANJAW; LOHTI; NAMSAI; CHANGLANG; TIRAP; LONGDING	BASAR



DATE 25-Jul-2023

DAILY WEATHER REPORT FOR ARUNACHAL PRADESH

SUMMARY OF OBSERVATIONS RECORDED AT 0830 HRS IST :-

No significant weather system over the region.

Available data indicates that MODERATE TO HEAVY rain occurred at most places over Arunachal Pradesh during last 24 hrs. Day temperatures had NO LARGE CHANGE over Arunachal Pradesh during last 24 hrs. Those were APPRECIABLY ABOVE NORMAL over Arunachal Pradesh. Night temperatures had NO LARGE CHANGE over Arunachal Pradesh during last 24 hrs. Those were NORMAL over Arunachal Pradesh .

CHIEF AMOUNT OF RAINFALL IN Cm :-

ITANAGAR	8	HOLLONGI	2	NAMPONGCIRCLE	1
BHALUKPONG	7	TEZU	2		
YUPIA	6	MIAO	2		
PASIGHAT	5	YAZALI	2		
NAMSAI	5	DOLLONGMUKH	2		
TUTING	3	BASAR	1		
SEPPA	3	MEBO	1		

Realized RF Distribution

WS(78%)

<https://mausam.imd.gov.in/itanagar/mcdata/rain24.pdf>

FORECAST VALID FOR NEXT 5-DAYS for ARUNACHAL PRADESH

DAY 1 :	25-Jul-2023	Moderate to heavy rain is very likely to occur at Many places over Arunachal Pradesh.
DAY 2:	26-Jul-2023	Moderate to heavy rain is very likely to occur at Many places over Arunachal Pradesh.
DAY 3:	27-Jul-2023	Moderate to heavy rain is very likely to occur at Most places over Arunachal Pradesh.
DAY 4:	28-Jul-2023	Moderate to heavy rain is very likely to occur at Most places over Arunachal Pradesh.
DAY 5:	29-Jul-2023	Moderate to heavy rain is very likely to occur at Many places over Arunachal Pradesh.

WARNINGS VALID FOR NEXT 5-DAYS for ARUNACHAL PRADESH

DAY 1:	25-Jul-2023	Thunderstorm with lightning is very likely to occur at isolated places over Arunachal Pradesh.Heavy rain is very likely to occur at isolated places over Arunachal Pradesh.
DAY 2:	26-Jul-2023	Thunderstorm with lightning is very likely to occur at isolated places over Arunachal Pradesh.Heavy rain is very likely to occur at isolated places over Arunachal Pradesh.
DAY 3:	27-Jul-2023	Heavy to very heavy rain is very likely to occur at isolated places over Arunachal Pradesh.
DAY 4:	28-Jul-2023	Heavy to very heavy rain is very likely to occur at isolated places over Arunachal Pradesh.
DAY 5:	29-Jul-2023	Heavy rain is very likely to occur at isolated places over Arunachal Pradesh.

*****LEGENDS*****

Dry Weather	DRY(No Rain)
ISOL RA/TS (<25%)	ISOLATED (ISOL/At One or Two Places)
SCT RA/TS(25%-50%)	SCATTERED (SCT/At a Few Places)
FWS RA/TS(50%-75%)	FAIRLY WIDESPREAD (FWS/At Many Places)
WS RA/TS(>75%)	WIDESPREAD (WS/At Most Places)

No Warning (No Action)

WATCH (Be Updated)

ALERT (Be prepared)

WARNING (Take Action)

District Level Forecast

https://mausam.imd.gov.in/itanagar/mcdata/AP_forecast.pdf

District Level Warning

https://mausam.imd.gov.in/itanagar/mcdata/AP_warning.pdf

LOCAL FORECAST FOR ITANAGAR AND PASSIGHAT VALID FOR NEXT 7-DAYS**ITANAGAR**

	DATE	Min Temp	Max Temp	Weather
DAY 1:	25-Jul-2023	21	31	Generally cloudy sky with one or two spells of rain or thundershowers.
DAY 2 :	26-Jul-2023	21	32	Generally cloudy sky with one or two spells of rain or thundershowers.
DAY 3:	27-Jul-2023	23	31	Generally cloudy sky with one or two spells of rain or thundershowers.
DAY 4:	28-Jul-2023	23	31	Generally cloudy sky with one or two spells of rain or thundershowers.
DAY 5:	29-Jul-2023	24	31	Generally cloudy sky with one or two spells of rain or thundershowers.
DAY 6:	30-Jul-2023	24	32	Rain or Thundershowers
DAY 7:	31-Jul-2023	24	32	Rain or Thundershowers

PASSIGHAT

	DATE	Min Temp	Max Temp	Weather
DAY 1:	25-Jul-2023	25	33	Generally cloudy sky with one or two spells of rain or thundershowers
DAY 2 :	26-Jul-2023	25	34	Generally cloudy sky with one or two spells of rain or thundershowers
DAY 3:	27-Jul-2023	24	32	Generally cloudy sky with one or two spells of rain or thundershowers
DAY 4:	28-Jul-2023	24	32	Generally cloudy sky with one or two spells of rain or thundershowers
DAY 5:	29-Jul-2023	24	32	Generally cloudy sky with one or two spells of rain or thundershowers
DAY 6:	30-Jul-2023	26	33	Rain or Thundershowers
DAY 7:	31-Jul-2023	26	33	Rain or Thundershowers

OBSERVATIONS RECORDED AT 0830 HRS. IST under MC ITANAGAR**25-Jul-2023**

STATION	Maximum Temperature (°C)		Minimum Temperature (°C)		Relative Humidity (%)		Rainfall						Weather Remarks
	Past 24 hrs.	Departure from Normal	Past 24 hrs.	Departure from Normal	At 0830 hrs. IST	Departure from Normal	mm		mm		cm		
							Past 24 hrs.	Departure from Normal	Seasonal Total	Seasonal Departure	Year's Total from 01 January	Annual Normal	
Passighat	34.0	3.3	24.8	1.3	82	-10	38.6	15.7	1493.7	-223.0	222.02	433.46	
Itanagar	29.3		20.6		97		49.8		1439.9	0	208.04		

Legends-

TS : Thunder Storm
RA : Rain
RF: Rain Fall

SCT: Scattered
ISOL: Isolated

FWS: Fairly Wide Spread
WS: Wide Spread

**Duty Meteorological Officer/कर्तव्य मौसम विज्ञान अधिकारी
For Head / प्रमुख के लिए
Meteorological Centre Itanagar/ मौसम विज्ञान केंद्र ईटानगर**

For updated detailed weather forecast, kindly visit our website (<https://mausam.imd.gov.in/itanagar/>)
Phone No. 0360-2266190; Email: mcitanagar@yahoo.com/mcitanagar@gmail.com

Kindly download and use "Mausam" App for location specific forecast and warning, "Meghdoot" App for Agromet advisory, "Damini" App for Lightning warning



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Research Complex for NEH Region
 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District ANZAW(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	8.0	11.0	15.0	23.0	15.0
Tmax(°C)	27.0	26.0	26.0	26.0	27.0
Tmin(°C)	16.0	18.0	18.0	19.0	19.0
RH-I(%)	88	86	96	96	93
RH-II(%)	53	61	60	62	60
Wind Speed(kmph)	6	7	8	7	8
Wind Direction(Degree)	72	68	68	214	243
Cloud Cover(Octa)	8	7	7	7	6

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 26.0-27.0oC and 16.0-19.0oC respectively. Expected morning and evening relative humidity will be 86-96% and 53-62% respectively. Wind direction is mainly ENE & SW with average wind speed range of 6.0-8.0 kmph. **WARNING:** Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.
RICE	WRC Paddy: Maintain proper water level in the field through proper drainage and bunds. Complete transplantation by 31st July for better production and productivity. Farmers are advice to transplant 20-25 days old paddy seedling in prepared fields with spacing of 20 x 10 (R x P) cm. Always clip-off the head of seedlings before transplantation and follow root dip treatment with proper consultation with experts from KVK and state departments.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
KIWI	Kiwi is generally in fruit development stage now. Due to prolonged rain and humid condition, there is possibility of Rhizoctonia stem rot in kiwi. Possible symptoms include: the pathogen causes a reddish brown dry cortical rot that may extend into the base of the stem. Later in the season, infections at the base of the plant (cortical rot) may result in plants snapping off during high winds. Foliar symptoms yellowing or wilting of leaves. Management: Avoid water logging near the base of the plants. Keep the surrounding clean and weed free. In initial destroy the infected parts of the plant by burning away from the field.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Research Complex for NEH Region
 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District CHANGLANG(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	11.0	15.0	14.0	15.0	11.0
Tmax(°C)	31.0	30.0	30.0	30.0	31.0
Tmin(°C)	20.0	22.0	22.0	23.0	23.0
RH-I(%)	83	89	97	89	92
RH-II(%)	62	60	60	64	58
Wind Speed(kmph)	4	4	4	4	5
Wind Direction(Degree)	112	108	101	108	112
Cloud Cover(Octa)	8	8	8	8	6

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 30.0-31.0oC and 20.0-23.0oC respectively. Expected morning and evening relative humidity will be 83-97% and 58-64% respectively. Wind direction is mainly ESE with average wind speed range of 4.0-5.0 kmph. **WARNING:** Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	JHUM PADDY: The crop is mostly in stem elongation and panicle initiation stage right now. Considering forecast of rain, farmers are advised to maintain proper runoff management strategies in the field to avert impact of heavy rain. Keep surrounding clean and weed free to avoid harboring of insects and diseases. There is possibility of blast disease infestation in current weather, so monitor the field for possible symptoms which include white to gray-green lesions or spots, with dark green borders in leaves and stem. In the initial stage, immediately uproot the effected plant and dispose it away from the paddy field by burning. Use of chemical is not advised in current weather.
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



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 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District EAST-KAMENG(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	12.0	19.0	22.0	25.0	12.0
Tmax(°C)	29.0	28.0	28.0	28.0	29.0
Tmin(°C)	18.0	20.0	20.0	21.0	21.0
RH-I(%)	93	96	97	93	94
RH-II(%)	62	61	64	58	58
Wind Speed(kmph)	5	4	4	4	5
Wind Direction(Degree)	22	202	45	63	22
Cloud Cover(Octa)	8	8	8	8	6

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-29.0oC and 18.0-21.0oC respectively. Expected morning and evening relative humidity will be 93-97% and 58-62% respectively. Wind direction is mainly NNE & NE with average wind speed range of 4.0-5.0 kmph. WARNING: Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	JHUM PADDY: The crop is mostly in stem elongation and panicle initiation stage right now. Considering forecast of rain, farmers are advised to maintain proper runoff management strategies in the field to avert impact of heavy rain. Keep surrounding clean and weed free to avoid harboring of insects and diseases. There is possibility of blast disease infestation in current weather, so monitor the field for possible symptoms which include white to gray-green lesions or spots, with dark green borders in leaves and stem. In the initial stage, immediately uproot the effected plant and dispose it away from the paddy field by burning. Use of chemical is not advised in current weather.
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



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Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District EAST-SIANG(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	18.0	22.0	55.0	51.0	14.0
Tmax(°C)	34.0	32.0	32.0	32.0	33.0
Tmin(°C)	25.0	24.0	24.0	24.0	26.0
RH-I(%)	83	85	91	91	87
RH-II(%)	60	59	58	61	59
Wind Speed(kmph)	4	4	5	5	5
Wind Direction(Degree)	334	158	158	27	158
Cloud Cover(Octa)	8	7	8	8	5

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 32.0-34.0oC and 24.0-26.0oC respectively. Expected morning and evening relative humidity will be 83-91% and 58-61% respectively. Wind direction is mainly SSE with average wind speed range of 4.0-5.0 kmph. **WARNING:** Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	JHUM PADDY: The crop is mostly in stem elongation and panicle initiation stage right now. Considering forecast of rain, farmers are advised to maintain proper runoff management strategies in the field to avert impact of heavy rain. Keep surrounding clean and weed free to avoid harboring of insects and diseases. There is possibility of blast disease infestation in current weather, so monitor the field for possible symptoms which include white to gray-green lesions or spots, with dark green borders in leaves and stem. In the initial stage, immediately uproot the effected plant and dispose it away from the paddy field by burning. Use of chemical is not advised in current weather.
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Complex Branch
 Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District KRA-DAADI(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	14.0	25.0	23.0	18.0	14.0
Tmax(°C)	29.0	28.0	28.0	28.0	29.0
Tmin(°C)	18.0	20.0	20.0	21.0	21.0
RH-I(%)	99	98	99	99	98
RH-II(%)	79	74	63	69	65
Wind Speed(kmph)	4	3	3	3	4
Wind Direction(Degree)	112	292	112	117	124
Cloud Cover(Octa)	8	8	8	8	6

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-29.0oC and 18.0-21.0oC respectively. Expected morning and evening relative humidity will be 98-99% and 63-79% respectively. Wind direction is mainly ESE with average wind speed range of 3.0-4.0 kmph. WARNING: Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.
RICE	WRC Paddy: Maintain proper water level in the field through proper drainage and bunds. Complete transplantation by 31st July for better production and productivity. Farmers are advice to transplant 20-25 days old paddy seedling in prepared fields with spacing of 20 x 10 (R x P) cm. Always clip-off the head of seedlings before transplantation and follow root dip treatment with proper consultation with experts from KVK and state departments.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
KIWI	Kiwi is generally in fruit development stage now. Due to prolonged rain and humid condition, there is possibility of Rhizoctonia stem rot in kiwi. Possible symptoms include: the pathogen causes a reddish brown dry cortical rot that may extend into the base of the stem. Later in the season, infections at the base of the plant (cortical rot) may result in plants snapping off during high winds. Foliar symptoms yellowing or wilting of leaves. Management: Avoid water logging near the base of the plants. Keep the surrounding clean and weed free. In initial destroy the infected parts of the plant by burning away from the field.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



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ICAR Research Complex for NEH Region
 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District KURUNG-KUMEY(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	15.0	24.0	21.0	18.0	14.0
Tmax(°C)	24.0	23.0	23.0	23.0	24.0
Tmin(°C)	13.0	15.0	15.0	16.0	16.0
RH-I(%)	94	90	86	90	81
RH-II(%)	55	58	56	62	57
Wind Speed(kmph)	4	4	4	4	6
Wind Direction(Degree)	292	292	292	289	292
Cloud Cover(Octa)	8	8	8	8	6

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-24.0oC and 13.0-16.0oC respectively. Expected morning and evening relative humidity will be 81-94% and 55-62% respectively. Wind direction is mainly WNW with average wind speed range of 4.0-6.0 kmph. **WARNING:** Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.
RICE	WRC Paddy: Maintain proper water level in the field through proper drainage and bunds. Complete transplantation by 31st July for better production and productivity. Farmers are advice to transplant 20-25 days old paddy seedling in prepared fields with spacing of 20 x 10 (R x P) cm. Always clip-off the head of seedlings before transplantation and follow root dip treatment with proper consultation with experts from KVK and state departments.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
KIWI	Kiwi is generally in fruit development stage now. Due to prolonged rain and humid condition, there is possibility of Rhizoctonia stem rot in kiwi. Possible symptoms include: the pathogen causes a reddish brown dry cortical rot that may extend into the base of the stem. Later in the season, infections at the base of the plant (cortical rot) may result in plants snapping off during high winds. Foliar symptoms yellowing or wilting of leaves. Management: Avoid water logging near the base of the plants. Keep the surrounding clean and weed free. In initial destroy the infected parts of the plant by burning away from the field.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



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Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District LOHIT(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	9.0	12.0	16.0	22.0	10.0
Tmax(°C)	30.0	29.0	29.0	29.0	30.0
Tmin(°C)	19.0	21.0	21.0	22.0	22.0
RH-I(%)	77	80	84	85	80
RH-II(%)	59	61	58	60	61
Wind Speed(kmph)	4	4	5	4	4
Wind Direction(Degree)	71	68	202	202	68
Cloud Cover(Octa)	8	8	7	7	5

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-30.0oC and 19.0-22.0oC respectively. Expected morning and evening relative humidity will be 77-85% and 58-61% respectively. Wind direction is mainly ENE & SSW with average wind speed range of 4.0-5.0 kmph. **WARNING:** Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	JHUM PADDY: The crop is mostly in stem elongation and panicle initiation stage right now. Considering forecast of rain, farmers are advised to maintain proper runoff management strategies in the field to avert impact of heavy rain. Keep surrounding clean and weed free to avoid harboring of insects and diseases. There is possibility of blast disease infestation in current weather, so monitor the field for possible symptoms which include white to gray-green lesions or spots, with dark green borders in leaves and stem. In the initial stage, immediately uproot the effected plant and dispose it away from the paddy field by burning. Use of chemical is not advised in current weather.
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



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District Level Agromet Advisory Bulletin
ICAR Complex Branch
 Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District LONGDING(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	12.0	14.0	18.0	15.0	11.0
Tmax(°C)	32.0	31.0	31.0	31.0	32.0
Tmin(°C)	21.0	23.0	23.0	24.0	24.0
RH-I(%)	80	89	87	89	85
RH-II(%)	62	59	68	69	59
Wind Speed(kmph)	4	4	7	6	5
Wind Direction(Degree)	22	281	252	244	75
Cloud Cover(Octa)	8	8	8	8	6

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 31.0-32.0oC and 21.0-24.0oC respectively. Expected morning and evening relative humidity will be 80-89% and 59-69% respectively. Wind direction is mainly NNE & WSW with average wind speed range of 4.0-7.0 kmph. WARNING: Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	JHUM PADDY: The crop is mostly in stem elongation and panicle initiation stage right now. Considering forecast of rain, farmers are advised to maintain proper runoff management strategies in the field to avert impact of heavy rain. Keep surrounding clean and weed free to avoid harboring of insects and diseases. There is possibility of blast disease infestation in current weather, so monitor the field for possible symptoms which include white to gray-green lesions or spots, with dark green borders in leaves and stem. In the initial stage, immediately uproot the effected plant and dispose it away from the paddy field by burning. Use of chemical is not advised in current weather.
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propicanazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



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 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District LOWER-DIBANG-VALLEY(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	12.0	18.0	51.0	45.0	18.0
Tmax(°C)	29.0	28.0	28.0	28.0	29.0
Tmin(°C)	18.0	20.0	20.0	21.0	21.0
RH-I(%)	85	89	98	98	94
RH-II(%)	65	59	57	64	55
Wind Speed(kmph)	4	4	4	4	5
Wind Direction(Degree)	19	162	198	158	162
Cloud Cover(Octa)	8	7	7	7	5

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-29.9oC and 18.0-21.0oC respectively. Expected morning and evening relative humidity will be 85-98% and 55-65% respectively. Wind direction is mainly SSW with average wind speed range of 4.0-5.0 kmph. WARNING: Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	JHUM PADDY: The crop is mostly in stem elongation and panicle initiation stage right now. Considering forecast of rain, farmers are advised to maintain proper runoff management strategies in the field to avert impact of heavy rain. Keep surrounding clean and weed free to avoid harboring of insects and diseases. There is possibility of blast disease infestation in current weather, so monitor the field for possible symptoms which include white to gray-green lesions or spots, with dark green borders in leaves and stem. In the initial stage, immediately uproot the effected plant and dispose it away from the paddy field by burning. Use of chemical is not advised in current weather.
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



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Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District LOWER-SUBANSIRI(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	18.0	32.0	24.0	30.0	14.0
Tmax(°C)	30.0	29.0	29.0	29.0	30.0
Tmin(°C)	19.0	21.0	21.0	22.0	22.0
RH-I(%)	99	99	98	99	99
RH-II(%)	81	82	81	87	74
Wind Speed(kmph)	4	3	4	4	4
Wind Direction(Degree)	338	158	112	135	292
Cloud Cover(Octa)	8	8	8	8	5

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-30.0oC and 19.0-22.0oC respectively. Expected morning and evening relative humidity will be 98-99% and 74-87% respectively. Wind direction is mainly SSE & NNW with average wind speed range of 3.0-4.0 kmph. WARNING: Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	JHUM PADDY: The crop is mostly in stem elongation and panicle initiation stage right now. Considering forecast of rain, farmers are advised to maintain proper runoff management strategies in the field to avert impact of heavy rain. Keep surrounding clean and weed free to avoid harboring of insects and diseases. There is possibility of blast disease infestation in current weather, so monitor the field for possible symptoms which include white to gray-green lesions or spots, with dark green borders in leaves and stem. In the initial stage, immediately uproot the effected plant and dispose it away from the paddy field by burning. Use of chemical is not advised in current weather.
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Complex Branch
 Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District SIANG(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	11.0	18.0	25.0	20.0	11.0
Tmax(°C)	29.0	28.0	28.0	28.0	29.0
Tmin(°C)	18.0	20.0	20.0	21.0	21.0
RH-I(%)	97	98	99	98	99
RH-II(%)	81	62	65	69	62
Wind Speed(kmph)	3	4	4	4	4
Wind Direction(Degree)	341	158	27	158	158
Cloud Cover(Octa)	8	7	8	7	5

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-29.0oC and 18.0-21.0oC respectively. Expected morning and evening relative humidity will be 97-99% and 62-81% respectively. Wind direction is mainly SSE with average wind speed range of 3.0-4.0 kmph. **WARNING:** Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	JHUM PADDY: The crop is mostly in stem elongation and panicle initiation stage right now. Considering forecast of rain, farmers are advised to maintain proper runoff management strategies in the field to avert impact of heavy rain. Keep surrounding clean and weed free to avoid harboring of insects and diseases. There is possibility of blast disease infestation in current weather, so monitor the field for possible symptoms which include white to gray-green lesions or spots, with dark green borders in leaves and stem. In the initial stage, immediately uproot the effected plant and dispose it away from the paddy field by burning. Use of chemical is not advised in current weather.
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propicanazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Research Complex for NEH Region
 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District TAWANG(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	12.0	11.0	14.0	19.0	11.0
Tmax(°C)	19.0	20.0	20.0	21.0	21.0
Tmin(°C)	12.0	12.0	12.0	13.0	14.0
RH-I(%)	88	92	90	89	94
RH-II(%)	63	59	61	59	60
Wind Speed(kmph)	7	6	7	7	7
Wind Direction(Degree)	22	248	248	27	27
Cloud Cover(Octa)	8	8	8	6	6

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 19.0-21.0oC and 12.0-14.0oC respectively. Expected morning and evening relative humidity will be 88-94% and 59-63% respectively. Wind direction is mainly NNE & WSW with average wind speed range of 6.0-7.0 kmph. WARNING: Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.
RICE	WRC Paddy: Maintain proper water level in the field through proper drainage and bunds. Complete transplantation by 31st July for better production and productivity. Farmers are advice to transplant 20-25 days old paddy seedling in prepared fields with spacing of 20 x 10 (R x P) cm. Always clip-off the head of seedlings before transplantation and follow root dip treatment with proper consultation with experts from KVK and state departments.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
KIWI	Kiwi is generally in fruit development stage now. Due to prolonged rain and humid condition, there is possibility of Rhizoctonia stem rot in kiwi. Possible symptoms include: the pathogen causes a reddish brown dry cortical rot that may extend into the base of the stem. Later in the season, infections at the base of the plant (cortical rot) may result in plants snapping off during high winds. Foliar symptoms yellowing or wilting of leaves. Management: Avoid water logging near the base of the plants. Keep the surrounding clean and weed free. In initial destroy the infected parts of the plant by burning away from the field.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Research Complex for NEH Region
 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District TIRAP(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	15.0	18.0	22.0	15.0	11.0
Tmax(°C)	32.0	31.0	31.0	31.0	32.0
Tmin(°C)	21.0	23.0	23.0	24.0	24.0
RH-I(%)	93	97	93	94	94
RH-II(%)	87	79	77	76	68
Wind Speed(kmph)	3	2	4	3	3
Wind Direction(Degree)	158	162	289	285	158
Cloud Cover(Octa)	8	8	8	8	5

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 31.0-32.0oC and 21.0-24.0oC respectively. Expected morning and evening relative humidity will be 93-97% and 68-87% respectively. Wind direction is mainly SSE & WNW with average wind speed range of 2.0-4.0 kmph. WARNING: Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	JHUM PADDY: The crop is mostly in stem elongation and panicle initiation stage right now. Considering forecast of rain, farmers are advised to maintain proper runoff management strategies in the field to avert impact of heavy rain. Keep surrounding clean and weed free to avoid harboring of insects and diseases. There is possibility of blast disease infestation in current weather, so monitor the field for possible symptoms which include white to gray-green lesions or spots, with dark green borders in leaves and stem. In the initial stage, immediately uproot the effected plant and dispose it away from the paddy field by burning. Use of chemical is not advised in current weather.
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



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District Level Agromet Advisory Bulletin
ICAR Research Complex for NEH Region
 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District DIBANG-VALLEY(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	13.0	15.0	49.0	46.0	17.0
Tmax(°C)	24.0	23.0	23.0	23.0	24.0
Tmin(°C)	13.0	15.0	15.0	16.0	16.0
RH-I(%)	79	91	97	98	96
RH-II(%)	57	58	59	61	58
Wind Speed(kmph)	5	6	6	6	7
Wind Direction(Degree)	26	68	202	202	202
Cloud Cover(Octa)	8	6	7	7	6

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-24.0oC and 13.0-16.0oC respectively. Expected morning and evening relative humidity will be 79-98% and 57-61% respectively. Wind direction is mainly NNE & SSW with average wind speed range of 5.0-7.0 kmph. WARNING: Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.
RICE	WRC Paddy: Maintain proper water level in the field through proper drainage and bunds. Complete transplantation by 31st July for better production and productivity. Farmers are advice to transplant 20-25 days old paddy seedling in prepared fields with spacing of 20 x 10 (R x P) cm. Always clip-off the head of seedlings before transplantation and follow root dip treatment with proper consultation with experts from KVK and state departments.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
KIWI	Kiwi is generally in fruit development stage now. Due to prolonged rain and humid condition, there is possibility of Rhizoctonia stem rot in kiwi. Possible symptoms include: the pathogen causes a reddish brown dry cortical rot that may extend into the base of the stem. Later in the season, infections at the base of the plant (cortical rot) may result in plants snapping off during high winds. Foliar symptoms yellowing or wilting of leaves. Management: Avoid water logging near the base of the plants. Keep the surrounding clean and weed free. In initial destroy the infected parts of the plant by burning away from the field.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



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District Level Agromet Advisory Bulletin
ICAR Research Complex for NEH Region
 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District UPPER-SIANG(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	25.0	18.0	17.0	14.0	11.0
Tmax(°C)	26.0	25.0	25.0	25.0	26.0
Tmin(°C)	15.0	17.0	17.0	18.0	18.0
RH-I(%)	87	93	97	96	95
RH-II(%)	61	58	59	61	62
Wind Speed(kmph)	3	4	3	4	4
Wind Direction(Degree)	158	158	165	161	158
Cloud Cover(Octa)	8	7	8	7	6

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 25.0-26.0oC and 15.0-18.0oC respectively. Expected morning and evening relative humidity will be 87-97% and 58-62% respectively. Wind direction is mainly SSE with average wind speed range of 3.0-4.0 kmph. **WARNING:** Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.
RICE	WRC Paddy: Maintain proper water level in the field through proper drainage and bunds. Complete transplantation by 31st July for better production and productivity. Farmers are advice to transplant 20-25 days old paddy seedling in prepared fields with spacing of 20 x 10 (R x P) cm. Always clip-off the head of seedlings before transplantation and follow root dip treatment with proper consultation with experts from KVK and state departments.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
KIWI	Kiwi is generally in fruit development stage now. Due to prolonged rain and humid condition, there is possibility of Rhizoctonia stem rot in kiwi. Possible symptoms include: the pathogen causes a reddish brown dry cortical rot that may extend into the base of the stem. Later in the season, infections at the base of the plant (cortical rot) may result in plants snapping off during high winds. Foliar symptoms yellowing or wilting of leaves. Management: Avoid water logging near the base of the plants. Keep the surrounding clean and weed free. In initial destroy the infected parts of the plant by burning away from the field.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Research Complex for NEH Region
 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District UPPER-SUBANSIRI(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	12.0	25.0	23.0	18.0	15.0
Tmax(°C)	30.0	29.0	29.0	29.0	30.0
Tmin(°C)	19.0	21.0	21.0	22.0	22.0
RH-I(%)	93	98	99	99	98
RH-II(%)	58	64	60	64	59
Wind Speed(kmph)	3	2	3	3	4
Wind Direction(Degree)	338	153	158	154	153
Cloud Cover(Octa)	8	8	8	8	5

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-30.0oC and 19.0-22.0oC respectively. Expected morning and evening relative humidity will be 93-99% and 58-64% respectively. Wind direction is mainly SSE with average wind speed range of 2.0-4.0 kmph. **WARNING:** Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	JHUM PADDY: The crop is mostly in stem elongation and panicle initiation stage right now. Considering forecast of rain, farmers are advised to maintain proper runoff management strategies in the field to avert impact of heavy rain. Keep surrounding clean and weed free to avoid harboring of insects and diseases. There is possibility of blast disease infestation in current weather, so monitor the field for possible symptoms which include white to gray-green lesions or spots, with dark green borders in leaves and stem. In the initial stage, immediately uproot the effected plant and dispose it away from the paddy field by burning. Use of chemical is not advised in current weather.
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Arunachal Pradesh Centre, Basar-791101



Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District WEST-KAMENG(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	18.0	19.0	12.0	42.0	12.0
Tmax(°C)	26.0	25.0	25.0	25.0	26.0
Tmin(°C)	15.0	17.0	17.0	18.0	18.0
RH-I(%)	99	99	99	99	98
RH-II(%)	91	85	92	83	65
Wind Speed(kmph)	4	4	4	4	6
Wind Direction(Degree)	161	160	158	153	338
Cloud Cover(Octa)	8	8	8	8	5

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 25.0-26.0oC and 15.0-18.0oC respectively. Expected morning and evening relative humidity will be 98-99% and 65-92% respectively. Wind direction is mainly SSE with average wind speed range of 4.0-6.0 kmph. **WARNING:** Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

SMS Advisory:

Weather very favorable for FMD in cattle and Fowl Pox in poultry, ensure proper precaution and treatment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.
RICE	WRC Paddy: Maintain proper water level in the field through proper drainage and bunds. Complete transplantation by 31st July for better production and productivity. Farmers are advice to transplant 20-25 days old paddy seedling in prepared fields with spacing of 20 x 10 (R x P) cm. Always clip-off the head of seedlings before transplantation and follow root dip treatment with proper consultation with experts from KVK and state departments.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High relative humidity, prolong rain and prolong leaf wetness made the condition favorable for Yellow Sigatoka disease in banana. Symptoms appear in leaf as pale, yellow streaks (1 - 2 mm) which over time merge to form dark, rusty brown to black spots surrounded by a yellow halo. Initially remove and destroy the infected plant parts. Provide proper drainage and avoid water logging in the fields which favors infection. In case of heavy infestation, Spray 3 times with Carbendazim 0.1 per cent or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval, as the disease starting from initial appearance of leaf specks during clear dry days or using proper stickers.
KIWI	Kiwi is generally in fruit development stage now. Due to prolonged rain and humid condition, there is possibility of Rhizoctonia stem rot in kiwi. Possible symptoms include: the pathogen causes a reddish brown dry cortical rot that may extend into the base of the stem. Later in the season, infections at the base of the plant (cortical rot) may result in plants snapping off during high winds. Foliar symptoms yellowing or wilting of leaves. Management: Avoid water logging near the base of the plants. Keep the surrounding clean and weed free. In initial destroy the infected parts of the plant by burning away from the field.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Current warm and wet weather condition is possibility of FMD disease in cattle/pig. So regularly monitor the animals for possible symptoms. Symptoms includes slobbering and smacking lips, shivering, tender and sore feet, reduced milk yield, sores and blisters on feet and raised temperature. If found, immediately separate the suspected animals and keep in separate place away from other animals and use separate utensils etc for them. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO ₄) antiseptic mouth wash 3-4 times a day. Glycerin may be applied over the lesions. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	In current wet weather condition, there are high chances of fowl pox disease in poultry. So farmers should keep strict vigil over their birds. Symptoms includes scabs or wart-like lesions on the comb, wattles, eyelids, face, and feet, eyelid swelling and eyes sealed shut or scabbed over, yellow canker lesions in mouth, weight loss, and loss of appetite and reduced water consumption. Ensure proper vaccination against fowl pox under vet supervision. Mosquitoes are the major carrier of disease, so ensure that there is no water stagnation near the shed to avoid breeding of mosquitoes. Keep surrounding clean and weed free.



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Agromet Advisory Bulletin

Date : 25-07-2023

Weather Forecast of District WEST-SIANG(Arunachal Pradesh) Issued On : 2023-07-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-26	2023-07-27	2023-07-28	2023-07-29	2023-07-30
Rainfall(mm)	11.0	15.0	22.0	21.0	10.0
Tmax(°C)	26.0	25.0	25.0	25.0	26.0
Tmin(°C)	15.0	17.0	17.0	18.0	18.0
RH-I(%)	92	94	97	97	95
RH-II(%)	59	61	60	58	59
Wind Speed(kmph)	3	3	3	3	4
Wind Direction(Degree)	338	161	154	154	161
Cloud Cover(Octa)	8	7	8	7	5

Weather Summary/Alert:

Mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 25.0-26.0oC and 15.0-18.0oC respectively. Expected morning and evening relative humidity will be 92-97% and 58-61% respectively. Wind direction is mainly SSE with average wind speed range of 3.0-4.0 kmph. **WARNING:** Thunderstorm with lightening and heavy rain very likely at isolated places.

General Advisory:

1. Considering forecast of lightening in most of the places, farmers are advised to be cautious while working in the field during cloudy days, 2. Keeping in view of rainfall during next days, farmers are advised to do proper arrangement for drainage in all vegetables, pulse, maize and nurseries of the crops. 3. Farmers are also advised not to do irrigation and any type of spray in the crops. 4. Immediately harvest mature crops and store in proper shelters 5. Ensure safe and dry shelters for livestock/poultry away from water bodies like stream etc. 6. Maintain proper hygiene in and around the livestock/poultry shed to avoid spread of microbial diseases, 7. Immediately repair the dykes around the pond to prevent heavy flow of water into the pond.

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Crop(Varieties)	Crop Specific Advisory
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MAIZE	The crop is mainly in silking and maturity stage. Farmers are advised to maintain proper drainage in the field to avoid water stagnation and flood. If the roots of the plants are exposed due to heavy rain in previous week, cover it with farm residue. Maintain proper runoff management strategies in the slopes. Harvest mature crop and hang in proper shed for drying.

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ORANGE	Keeping in view the forecast of rain and continuous rain in previous week, farmers should regularly monitor their orchard and maintain proper drainage to avoid water stagnation near the tree trunk. Remove water shoots and any other shoots below the budded area. Cover the base of the plant grown in the slopes with locally available mulching materials to avert the impact of heavy rain.

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